

Title (en)

DISCONNECTOR POLE FOR GAS INSULATED SWITCHGEAR

Title (de)

TRENNSCHALTERPOL FÜR EINE GASISOLIERTE SCHALTANLAGE

Title (fr)

PÔLE DE DISJONCTEUR POUR APPAREILLAGE DE COMMUTATION À ISOLATION GAZEUSE

Publication

**EP 3439003 A1 20190206 (EN)**

Application

**EP 17184768 A 20170803**

Priority

EP 17184768 A 20170803

Abstract (en)

The invention refers to a disconnecter pole (214) for a gas insulated switchgear and a disconnecter unit comprising at least two of the aforementioned disconnecter poles (214). Moreover, the invention refers to a gas insulated switchgear comprising at least one aforementioned disconnecter pole (214) or at least one aforementioned disconnecter unit and/or a circuit breaker. The disconnecter pole (214) is movable between two contact positions. Moreover, the disconnecter pole (214) comprises a metallic contact device (218, 220A, 220B, 221A, 221B, 222A, 222B) to be connected to contacts in the two contact positions. The metallic contact device (218, 220A, 220B, 221A, 221B, 222A, 222B) comprises an outer surface (256). The disconnecter pole (214) also comprises at least one metallic housing (219), wherein at least 50% of the entire outer surface (256) of the metallic contact device (218, 220A, 220B, 221A, 221B, 222A, 222B) is arranged in the metallic housing (219).

IPC 8 full level

**H01H 1/42** (2006.01); **H01H 31/28** (2006.01)

CPC (source: EP KR US)

**H01H 1/42** (2013.01 - EP KR US); **H01H 21/54** (2013.01 - KR); **H01H 31/28** (2013.01 - EP KR US); **H01H 33/6661** (2013.01 - US); **H02B 13/0352** (2013.01 - US); **H01H 21/54** (2013.01 - EP US); **H01H 2001/425** (2013.01 - EP KR US); **H01H 2031/286** (2013.01 - EP KR US); **H01H 2205/002** (2013.01 - US); **H02B 13/0352** (2013.01 - EP)

Citation (applicant)

- US 9466955 B2 20161011 - SAXEGAARD MAGNE [NO], et al
- US 2014104758 A1 20140417 - BJORTUFT TOM-RUNE [NO], et al
- US 9577412 B2 20170221 - PRAKASH RAVI [IN], et al

Citation (search report)

- [XY] US 9466955 B2 20161011 - SAXEGAARD MAGNE [NO], et al
- [Y] EP 0708462 A1 19960424 - GEC ALSTHOM T & D SA [FR]
- [A] DE 3215110 A1 19821111 - TOKYO SHIBAURA ELECTRIC CO [JP]

Cited by

EP3863136A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3439003 A1 20190206**; **EP 3439003 B1 20191002**; AU 2018310636 A1 20200123; AU 2018310636 B2 20210128; CA 3070518 A1 20190207; CA 3070518 C 20221025; CN 110945613 A 20200331; CN 110945613 B 20221129; DK 3439003 T3 20200120; ES 2764578 T3 20200603; HR P20192333 T1 20200320; JP 2020533928 A 20201119; JP 6990293 B2 20220112; KR 102333579 B1 20211201; KR 20200032208 A 20200325; PT 3439003 T 20200109; US 11257634 B2 20220222; US 2020219672 A1 20200709; WO 2019025434 A1 20190207

DOCDB simple family (application)

**EP 17184768 A 20170803**; AU 2018310636 A 20180731; CA 3070518 A 20180731; CN 201880047998 A 20180731; DK 17184768 T 20170803; EP 2018070717 W 20180731; ES 17184768 T 20170803; HR P20192333 T 20191227; JP 2020505353 A 20180731; KR 20207006182 A 20180731; PT 17184768 T 20170803; US 201816631425 A 20180731